

WHAT IS CLAIMED IS:

1. An isolated nucleic acid molecule comprising at least 24 contiguous bases of nucleotide sequence first disclosed in the NGPCR polynucleotide sequence described in SEQ ID NO: 1.

5 2. An isolated nucleic acid molecule comprising a nucleotide sequence that:

(a) encodes at least fifty contiguous the amino acids shown in SEQ ID NO: 2; and

10 *add a2* (b) hybridizes under stringent conditions to the nucleotide sequence of SEQ ID NO: 1 or the complement thereof.

3. An isolated nucleic acid molecule comprising the nucleic acid sequence presented in SEQ ID NO: 1.

15 4. An isolated nucleic acid molecule comprising a nucleotide sequence that encodes the amino acid sequence shown in SEQ ID NO: 2.

*add a3*